

The following Listing of Claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

1. (Currently Amended) A plate material (1), comprising:
a plate-like substrate (3) ~~that does not have~~ being free of protrusions and depressions of submicron order oriented in the a thickness direction thereof; and
a substrate coating (5) ~~that is formed on the a surface of the substrate (3) and made of~~ with a paint-like material having affinity with respect to the substrate (3).
2. (Currently Amended) The plate material (1) recited claim 1, wherein the paint-like material is includes a hydrophobic organic paint-like material.
3. (Currently Amended) The plate material (1) recited in claim 1 ~~or 2~~, wherein ~~the a~~ surface tension of the paint-like material is equal to or ~~larger~~ greater than 25 and less than or equal to 35 dyn/cm.
4. (Currently Amended) The plate material (1) recited in ~~any one of~~ claims 1 to 3, wherein the paint-like material contains an alcohol-based solvent at a content of 1 to 10 wt%.
5. (Currently Amended) The plate material (1) recited in ~~any one of~~ claims 1 to 3, wherein the paint-like material contains an alcohol-based solvent at a content of 1 to 5 wt%.

6. (Currently Amended) The plate material (1) recited in claim 4 ~~or 5~~, wherein the alcohol-based solvent is made substantially of an alcohol having four or more carbon atoms.

7. (Currently Amended) The plate material (1) recited ~~any one of~~ in claims 1 to 6, wherein the viscosity of the paint-like material is equal to or ~~larger~~ greater than 5 pPa-s and less than or equal to 20 pPa-s.

8. (Currently Amended) The plate material (1) recited ~~any one of~~ in claims 1 to 7, wherein further comprising:

~~the coating (5) is a corrosion-resistant coating (5) that is formed with a corrosion resistant paint-like material and made of a hydrophobic organic compound; and~~
a hydrophilic coating (7) made of a hydrophilic paint-like material is also provided on the a surface of the substrate corrosion-resistant coating (5), the substrate coating being formed with a corrosion resistant paint-like material and made of a hydrophobic organic compound.

9. (Currently Amended) The plate material (1) recited in claim 8, wherein the hydrophilic paint-like material contains a volatile organic solvent.

10. (Currently Amended) A plate material (1) recited in claim 8 ~~or 9~~, wherein ~~the corrosion-resistant coating (5) is formed on the surface of the substrate (3) that~~ having the substrate coating has not been subjected to a chromic acid treatment.

11. (Currently Amended) The plate material (1) recited in ~~any one of~~ claims 8 to 10, wherein

~~the corrosion-resistant coating (5) is formed on the surface of the substrate (3) that~~
having the substrate coating has not been subjected to an oil removal treatment.

12. (Currently Amended) The plate material (1) recited in ~~any one of~~ claims 1 to 11, wherein

the substrate (3) is made of pure aluminum or an aluminum alloy.

13. (Currently Amended) ~~The plate material (1) recited in any one of claims 1 to 12, wherein the plate material (1) is used as a~~ A heat radiating fin (11) of a heat exchanger including a plate material as recited in claim 1.

14. (Currently Amended) A plate material (1) manufacturing method, ~~including~~
comprising:

~~a first step in which~~ preparing a plate-like substrate (3) ~~that does not have~~ being free of protrusions and depressions of submicron order oriented in ~~the~~ a thickness direction thereof ~~on its surface is prepared; and~~

~~a second step in which~~ forming a substrate coating (5) is formed on ~~the~~ a surface of the substrate (3) with a paint-like material having affinity with respect to the substrate.

15. (Currently Amended) The plate material (1) manufacturing method recited in ~~accordance with~~ claim 14, wherein

the paint-like material is a hydrophobic organic paint-like material.

16. (Currently Amended) The plate material (1) manufacturing method recited in claim 14 ~~or 15~~, wherein

the paint-like material has a surface tension of 25 dyn/cm to 35 dyn/cm.

17. (Currently Amended) The plate material (1) manufacturing method recited in ~~any one of~~ claims 14 ~~to 16~~, wherein

the paint-like material contains an alcohol-based solvent at a content of 1 to 10 wt%.

18. (Currently Amended) The plate material (1) manufacturing method recited in ~~any one of~~ claims 14 ~~to 16~~, wherein

the paint-like material contains an alcohol-based solvent at a content of 1 to 5 wt%.

19. (Currently Amended) The plate material (1) manufacturing method recited in claim 17 ~~or 18~~, wherein

the alcohol-based solvent is made substantially of an alcohol having four or more carbon atoms.

20. (Currently Amended) The plate material (1) manufacturing method recited in ~~any one of~~ claims 14 ~~to 19~~, wherein

the viscosity of the paint-like material is equal to or ~~larger~~ greater than 5 pPa-s and less than or equal to 20 pPa-s.

21. (Currently Amended) The plate material (1) manufacturing method recited in ~~any one of claims 14 to 20, wherein~~ further comprising:
~~in the second step, a corrosion resistant coating (5) made of a hydrophobic organic compound is formed on the surface of the plate-like substrate (3) by applying a corrosion resistant paint-like material; and~~

~~a third step is provided in which~~ providing a hydrophilic coating (7) ~~is formed on the a~~
surface of the substrate ~~corrosion resistant coating (5) by applying a hydrophilic paint-like~~
material, the substrate coating being formed with a corrosion resistant paint-like material and
made of a hydrophobic organic compound.

22. (Currently Amended) The plate material (1) manufacturing method recited in claim 21, wherein

~~in the third step, the hydrophilic paint-like material~~ containing contains a volatile organic solvent ~~is applied.~~

23. (Currently Amended) The plate material (1) manufacturing method recited in claim 21 ~~or 22~~, wherein

~~in the second step, the corrosion resistant paint-like material is applied on the substrate~~
(3) that has not been subjected to a chromic acid treatment.

24. (Currently Amended) The plate material (1) manufacturing method recited in claim 21 ~~to 23~~, wherein
~~in the second step~~, the corrosion resistant paint-like material is applied on the substrate (3) that has not been subjected to an oil removal treatment.

25. (Currently Amended) The plate material (1) manufacturing method recited in ~~any one of claims 14 to 24~~, wherein
the substrate (3) is made of pure aluminum or an aluminum alloy.

26. (Currently Amended) The plate material (1) manufacturing method recited in ~~any one of claims 14 to 25, wherein the plate material (1) is used as claim 14, further~~
comprising
forming the plate material into a heat radiating fin (11) of a heat exchanger.